

SEQUENCE LISTING

<110> Yoshii, Hiroto
Fukui, Toshifumi

<120> DNA PROBE DESIGNING APPARATUS AND INFORMATION PROCESSING METHOD
THEREOF

<130> 03560.003438

<140> 10/805,292

<141> 2004-03-22

<150> JPA2003-099464

<151> 2003-04-02

<160> 171

<170> PatentIn version 3.2

<210> 1

<211> 26

<212> DNA

<213> Artificial

<220>

<223> Synthesized DNA probe

<400> 1

gaaccgcatg gttcaaaagt gaaaga

26

<210> 2

<211> 24

<212> DNA

<213> Artificial

<220>

<223> Synthesized DNA probe

<400> 2

cacttataga tggatccgcg ctgc

24

<210> 3

<211> 26

<212> DNA

<213> Artificial

<220>

<223> Synthesized DNA probe

<400> 3

tgacatctt gacggtacct aatcag

26

<210> 4

<211> 22

<212> DNA

<213> Artificial

<220>

<223> Synthesized DNA probe

<400> 4

ccccttagtg ctgcagctaa cg 22

<210> 5
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 5
aatacaaagg gcagcgaaac cgc 23

<210> 6
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 6
ccggtggagt aaccttttag gagct 25

<210> 7
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 7
taacctttta ggagctagcc gtcga 25

<210> 8
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 8
tttaggagct agccgtcgaa ggt 23

<210> 9
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 9
tagccgtcga aggtgggaca aat 23

<210> 10
<211> 22

<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	10	
	gaacagacga ggagcttgct cc	22
<210>	11	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	11	
	tagtgaaaga cggttttgct gtcact	26
<210>	12	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	12	
	taagtaacta tgcacgtctt gacggt	26
<210>	13	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	13	
	gacccctcta gagatagagt tttccc	26
<210>	14	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	14	
	agtaaccatt tggagctagc cgtc	24
<210>	15	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	

<400> 15
gagcttgctc ctctgacgtt agc 23

<210> 16
<211> 22
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 16
agccggtgga gtaaccattt gg 22

<210> 17
<211> 22
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 17
ctcttgccat cggatgtgcc ca 22

<210> 18
<211> 26
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 18
atacctttgc tcattgacgt tacccg 26

<210> 19
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 19
tttgctcatt gacgttaccc gcag 24

<210> 20
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 20
actggcaagc ttgagtctcg taga 24

<210> 21
 <211> 23
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthesized DNA probe

 <400> 21
 atacaaagag aagcgacctc gcg 23

<210> 22
 <211> 25
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthesized DNA probe

 <400> 22
 cggaacctcat aaagtgcgtc gtagt 25

<210> 23
 <211> 26
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthesized DNA probe

 <400> 23
 gcggggagga agggagtaaa gttaat 26

<210> 24
 <211> 23
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthesized DNA probe

 <400> 24
 tagcacagag agcttgctct cgg 23

<210> 25
 <211> 23
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthesized DNA probe

 <400> 25
 tcatgccatc agatgtgccc aga 23

<210> 26
 <211> 25
 <212> DNA
 <213> Artificial

<220>		
<223>	Synthesized DNA probe	
<400>	26	
	cggggaggaa ggcgataagg ttaat	25
<210>	27	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	27	
	ttcgattgac gttacccgca gaaga	25
<210>	28	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	28	
	ggtctgtcaa gtcggatgtg aaatcc	26
<210>	29	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	29	
	gcaggctaga gtcttgtaga gggg	24
<210>	30	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	30	
	tgagggagaa agtgggggat cttc	24
<210>	31	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	31	
	tcagatgagc ctaggtcgga ttagc	25

<210>	32	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	32	
	gagctagagt acggtagagg gtgg	24
<210>	33	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	33	
	gtacggtaga gggtggtgga atttc	25
<210>	34	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	34	
	gaccacctgg actgatactg acac	24
<210>	35	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	35	
	tggccttgac atgctgagaa ctttc	25
<210>	36	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	36	
	ttagttacca gcacctcggg tgg	23
<210>	37	
<211>	22	
<212>	DNA	

<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	37	
	tagtctaacc gcaaggggga cg	22
<210>	38	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	38	
	tagcacaggg gagcttgctc cct	23
<210>	39	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	39	
	aggtggtgaa cttaatacgc tcac	25
<210>	40	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	40	
	tcacaaattg acgttactcg cagaag	26
<210>	41	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	41	
	actgcatttg aaactggcaa gctaga	26
<210>	42	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	

<400> 42 ttatcctttg ttgccagcgg tt	22
<210> 43 <211> 23 <212> DNA <213> Artificial <220> <223> Synthesized DNA probe	
<400> 43 actttcagcg aggaggaagg tgg	23
<210> 44 <211> 25 <212> DNA <213> Artificial <220> <223> Synthesized DNA probe	
<400> 44 agtagaacgc tgaaggagga gcttg	25
<210> 45 <211> 25 <212> DNA <213> Artificial <220> <223> Synthesized DNA probe	
<400> 45 cttgcacac taccagatgg acctg	25
<210> 46 <211> 26 <212> DNA <213> Artificial <220> <223> Synthesized DNA probe	
<400> 46 tgagagtgga aagttcacac tgtgac	26
<210> 47 <211> 26 <212> DNA <213> Artificial <220> <223> Synthesized DNA probe	
<400> 47 gctgtggctt aaccatagta ggcttt	26
<210> 48	

<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	48	
	aagcggctct ctggcttgta act	23
<210>	49	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	49	
	tagacccttt ccggggttta gtgc	24
<210>	50	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	50	
	gacggcaagc taatctctta aagcca	26
<210>	51	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	51	
	gcttggaat ctggcttatg gagg	24
<210>	52	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	52	
	tgccatagga tgagccaag tgg	23
<210>	53	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		

<223> Synthesized DNA probe	
<400> 53	
cttgggaatg tactgacgct catgtg	26
<210> 54	
<211> 23	
<212> DNA	
<213> Artificial	
<220>	
<223> Synthesized DNA probe	
<400> 54	
ggattgggct tagagcttgg tgc	23
<210> 55	
<211> 22	
<212> DNA	
<213> Artificial	
<220>	
<223> Synthesized DNA probe	
<400> 55	
tacagaggga agcgaagctg cg	22
<210> 56	
<211> 26	
<212> DNA	
<213> Artificial	
<220>	
<223> Synthesized DNA probe	
<400> 56	
ggcgtttacc acggtatgat tcatga	26
<210> 57	
<211> 23	
<212> DNA	
<213> Artificial	
<220>	
<223> Synthesized DNA probe	
<400> 57	
aatgcctacc aagcctgcga tct	23
<210> 58	
<211> 25	
<212> DNA	
<213> Artificial	
<220>	
<223> Synthesized DNA probe	
<400> 58	
tatcggaaga tgaaagtgcg ggact	25

<210>	59	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	59	
	cagagagctt gctctcgggt ga	22
<210>	60	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	60	
	gggaggaagg tggtgtggtt aataac	26
<210>	61	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	61	
	ggtgttgtgg ttaataacca cagcaa	26
<210>	62	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	62	
	gcggtctgtc aagtcggatg tg	22
<210>	63	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	63	
	attcgaaact ggcaggctag agtct	25
<210>	64	
<211>	25	
<212>	DNA	
<213>	Artificial	

<220>		
<223>	Synthesized DNA probe	
<400>	64	
	taaccacagc aattgacgtt acccg	25
<210>	65	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	65	
	gcaattgacg ttacccgcag aaga	24
<210>	66	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	66	
	ttctttcctc ccgagtgctt gca	23
<210>	67	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	67	
	aacacgtggg taacctaccc atcag	25
<210>	68	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	68	
	atggcataag agtgaaaggc gctt	24
<210>	69	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	69	

gacccgcggt gcattagcta gt 22

<210> 70
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 70
ggacgttagt aactgaacgt cccct 25

<210> 71
<211> 22
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 71
ctcaaccggg gagggtcatt gg 22

<210> 72
<211> 22
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA probe

<400> 72
ttggagggtt tccgcccttc ag 22

<210> 73
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA for forward primer named F1

<400> 73
gcggcgtgcc taatacatgc aag 23

<210> 74
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Synthesized DNA for forward primer named F2

<400> 74
gcggcaggcc taacacatgc aag 23

<210> 75
<211> 23

<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA for forward primer named F3	
<400>	75	
	gcggcaggct taacacatgc aag	23
<210>	76	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA for reverse primer named R1	
<400>	76	
	atccagccgc accttccgat ac	22
<210>	77	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA for reverse primer named R2	
<400>	77	
	atccaaccgc aggttcccct ac	22
<210>	78	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA for reverse primer named R3	
<400>	78	
	atccagccgc aggttcccct ac	22
<210>	79	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	79	
	tctttcactt ttgaaccatg cggttc	26
<210>	80	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	

<400> 80 gcagcgcgga tccatctata agtg	24
<210> 81 <211> 26 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 81 ctgattaggt accgtcaaga tgtgca	26
<210> 82 <211> 22 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 82 cgttagctgc agcactaagg gg	22
<210> 83 <211> 23 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 83 gcggtttcgc tgccctttgt att	23
<210> 84 <211> 25 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 84 agctcctaaa aggttactcc accgg	25
<210> 85 <211> 25 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 85 tcgacggcta gctcctaaaa ggtta	25

<210> 86
 <211> 23
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthesized DNA probe

 <400> 86
 acccttcgacg gctagctcct aaa 23

<210> 87
 <211> 23
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthesized DNA probe

 <400> 87
 atttgtcca ccttcgacgg cta 23

<210> 88
 <211> 22
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthesized DNA probe

 <400> 88
 ggagcaagct cctcgtctgt tc 22

<210> 89
 <211> 26
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthesized DNA probe

 <400> 89
 agtgacagca aaaccgtctt tcacta 26

<210> 90
 <211> 26
 <212> DNA
 <213> Artificial

 <220>
 <223> Synthesized DNA probe

 <400> 90
 accgtcaaga cgtgcatagt tactta 26

<210> 91
 <211> 26
 <212> DNA
 <213> Artificial

<220>		
<223>	Synthesized DNA probe	
<400>	91	
	gggaaaactc tatctctaga ggggtc	26
<210>	92	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	92	
	gacggctagc tccaaatggt tact	24
<210>	93	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	93	
	gctaacgtca gaggagcaag ctc	23
<210>	94	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	94	
	ccaaattggtt actccaccgg ct	22
<210>	95	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	95	
	tgggcacatc cgatggcaag ag	22
<210>	96	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	96	
	cgggtaacgt caatgagcaa aggtat	26

<210>	97	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	97	
	ctgcgggtaa cgtcaatgag caaa	24
<210>	98	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	98	
	tctacgagac tcaagcttgc cagt	24
<210>	99	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	99	
	cgcgaggtcg cttctctttg tat	23
<210>	100	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	100	
	actacgacgc actttatgag gtccg	25
<210>	101	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	101	
	attaacttta ctcccttcct ccccgc	26
<210>	102	
<211>	23	
<212>	DNA	

<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	102	
	ccgagagcaa gctctctgtg cta	23
<210>	103	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	103	
	tctgggcaca tctgatggca tga	23
<210>	104	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	104	
	attaacctta tcgccttcct ccccg	25
<210>	105	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	105	
	tcttctgcgg gtaacgtcaa tcgaa	25
<210>	106	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	106	
	ggatttcaca tccgacttga cagacc	26
<210>	107	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	

<400> 107 cccctctaca agactctagc ctgc	24
<210> 108 <211> 24 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 108 gaagatcccc cactttctcc ctca	24
<210> 109 <211> 25 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 109 gctaattccga cctaggctca tctga	25
<210> 110 <211> 24 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 110 ccaccctcta ccgtactcta gctc	24
<210> 111 <211> 25 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 111 gaaattccac caccctctac cgtac	25
<210> 112 <211> 24 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 112 gtgtcagtat cagtcaggt ggtc	24
<210> 113	

<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	113	
	gaaagttctc agcatgtcaa ggcca	25
<210>	114	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	114	
	ccacccgagg tgctggtaac taa	23
<210>	115	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	115	
	cgtccccctt gcggttagac ta	22
<210>	116	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	116	
	agggagcaag ctcccctgtg cta	23
<210>	117	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	117	
	gatgagcgta ttaagttcac cacct	25
<210>	118	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		

<223> Synthesized DNA probe	
<400> 118	
cttctgcgag taacgtcaat tgatga	26
<210> 119	
<211> 26	
<212> DNA	
<213> Artificial	
<220>	
<223> Synthesized DNA probe	
<400> 119	
tctagcttgc cagtttcaaa tgcagt	26
<210> 120	
<211> 22	
<212> DNA	
<213> Artificial	
<220>	
<223> Synthesized DNA probe	
<400> 120	
aaccgctggc aacaaaggat aa	22
<210> 121	
<211> 23	
<212> DNA	
<213> Artificial	
<220>	
<223> Synthesized DNA probe	
<400> 121	
ccaccttcct cctcgctgaa agt	23
<210> 122	
<211> 25	
<212> DNA	
<213> Artificial	
<220>	
<223> Synthesized DNA probe	
<400> 122	
caagctcctc cttcagcggt ctact	25
<210> 123	
<211> 25	
<212> DNA	
<213> Artificial	
<220>	
<223> Synthesized DNA probe	
<400> 123	
caggtccatc tggtagtgat gcaag	25

<210>	124	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	124	
	gtcacagtgt gaactttcca ctctca	26
<210>	125	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	125	
	aaagcctact atggttaagc cacagc	26
<210>	126	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	126	
	agttacaagc cagagagccg ctt	23
<210>	127	
<211>	24	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	127	
	gcactaaacc ccggaaaggg tcta	24
<210>	128	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	128	
	tggtttaag agattagctt gccgtc	26
<210>	129	
<211>	24	
<212>	DNA	
<213>	Artificial	

<220>		
<223>	Synthesized DNA probe	
<400>	129	24
	cctccataag ccagattccc aagc	
<210>	130	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	130	23
	ccacttgggc tcatcctatg gca	
<210>	131	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	131	26
	cacatgagcg tcagtacatt cccaag	
<210>	132	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	132	23
	gcaccaagct ctaagcccaa tcc	
<210>	133	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	133	22
	cgcagcttcg cttccctctg ta	
<210>	134	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	134	

tcatgaatca taccgtggta aacgcc 26

<210> 135

<211> 23

<212> DNA

<213> Artificial

<220>

<223> Synthesized DNA probe

<400> 135

agatcgcagg cttggtaggc att 23

<210> 136

<211> 25

<212> DNA

<213> Artificial

<220>

<223> Synthesized DNA probe

<400> 136

agtcccgcac tttcatcttc cgata 25

<210> 137

<211> 23

<212> DNA

<213> Artificial

<220>

<223> Synthesized DNA probe

<400> 137

tgcaagcact cgggaggaaa gaa 23

<210> 138

<211> 25

<212> DNA

<213> Artificial

<220>

<223> Synthesized DNA probe

<400> 138

ctgatgggta ggttaccac gtggt 25

<210> 139

<211> 24

<212> DNA

<213> Artificial

<220>

<223> Synthesized DNA probe

<400> 139

aagcgccttt cactcttatg ccat 24

<210> 140

<211> 22

<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	140	
	actagctaata gcaccgcggg tc	22
<210>	141	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	141	
	aggggacgtt cagttactaa cgtcc	25
<210>	142	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	142	
	ccaatgaccc tccccggttg ag	22
<210>	143	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	143	
	ctgaagggcg gaaaccctcc aa	22
<210>	144	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	
<400>	144	
	tcacccgaga gcaagctctc tg	22
<210>	145	
<211>	26	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	Synthesized DNA probe	

<400> 145 gttattaacc acaacacctt cctccc	26
<210> 146 <211> 26 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 146 ttgctgtggt tattaaccac aacacc	26
<210> 147 <211> 22 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 147 cacatccgac ttgacagacc gc	22
<210> 148 <211> 25 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 148 agactctagc ctgccagttt cgaat	25
<210> 149 <211> 25 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 149 cgggtaacgt caattgctgt ggta	25
<210> 150 <211> 24 <212> DNA <213> Artificial	
<220> <223> Synthesized DNA probe	
<400> 150 tcttctgcgg gtaacgtcaa ttgc	24

<210> 151
 <211> 10
 <212> DNA
 <213> Artificial

 <220>
 <223> DNA exemplified in the drawing

 <400> 151
 tgatgtgaaa 10

<210> 152
 <211> 24
 <212> DNA
 <213> Artificial

 <220>
 <223> DNA exemplified in the drawing

 <400> 152
 gccacggct caaccgtgga gggt 24

<210> 153
 <211> 10
 <212> DNA
 <213> Artificial

 <220>
 <223> DNA exemplified in the drawing

 <400> 153
 aaactggaaa 10

<210> 154
 <211> 26
 <212> DNA
 <213> Artificial

 <220>
 <223> DNA exemplified in the drawing

 <400> 154
 gaaccgcatg gttcaaaagt gaaaga 26

<210> 155
 <211> 24
 <212> DNA
 <213> Artificial

 <220>
 <223> DNA exemplified in the drawing

 <400> 155
 cacttataga tggatccgcg ctgc 24

<210> 156
 <211> 26
 <212> DNA
 <213> Artificial

<220>		
<223>	DNA exemplified in the drawing	
<400>	156	
	tgcacatctt gacggtacct aatcag	26
<210>	157	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	DNA exemplified in the drawing	
<400>	157	
	ccccttagtg ctgcagctaa cg	22
<210>	158	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	DNA exemplified in the drawing	
<400>	158	
	aatacaaagg gcagcgaaac cgc	23
<210>	159	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	DNA exemplified in the drawing	
<400>	159	
	ccggtggagt aaccttttag gagct	25
<210>	160	
<211>	25	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	DNA exemplified in the drawing	
<400>	160	
	taacctttta ggagctagcc gtcga	25
<210>	161	
<211>	23	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	DNA exemplified in the drawing	
<400>	161	
	tttaggagct agccgtcgaa ggt	23

<210> 162
 <211> 23
 <212> DNA
 <213> Artificial

 <220>
 <223> DNA exemplified in the drawing

 <400> 162
 tagccgtcga aggtgggaca aat 23

<210> 163
 <211> 10
 <212> DNA
 <213> Artificial

 <220>
 <223> DNA exemplified in the drawing

 <400> 163
 agtcgagcga 10

<210> 164
 <211> 10
 <212> DNA
 <213> Artificial

 <220>
 <223> DNA exemplified in the drawing

 <400> 164
 gcggcggacg 10

<210> 165
 <211> 30
 <212> DNA
 <213> Artificial

 <220>
 <223> DNA exemplified in the drawing

 <400> 165
 acggacgaga agcttgcttc tctgatgtta 30

<210> 166
 <211> 23
 <212> DNA
 <213> Artificial

 <220>
 <223> DNA exemplified in the drawing

 <400> 166
 acggacgaga agcttgcttc tct 23

<210> 167
 <211> 25
 <212> DNA

<213> Artificial	
<220>	
<223> DNA exemplified in the drawing	
<400> 167	
tgtcacttat agatggatcc gcgct	25
<210> 168	
<211> 26	
<212> DNA	
<213> Artificial	
<220>	
<223> DNA exemplified in the drawing	
<400> 168	
tgtaagtaac tgtgcacatc ttgacg	26
<210> 169	
<211> 26	
<212> DNA	
<213> Artificial	
<220>	
<223> DNA exemplified in the drawing	
<400> 169	
acaactctag agatagagcc ttcccc	26
<210> 170	
<211> 26	
<212> DNA	
<213> Artificial	
<220>	
<223> DNA exemplified in the drawing	
<400> 170	
gtggagtaac cttttaggag ctagcc	26
<210> 171	
<211> 131	
<212> DNA	
<213> Staphylococcus aureus	
<400> 171	
tattgggcgt aaagcgcgcg taggcggttt tttaagtctg atgtgaaagc ccacggctca	60
accgtggagg gtcattggaa actggaaaac ttgagtgcag aagaggaaag tggaattcca	120
tgtgtagcgg t	131